

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/017624

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01N33/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01N C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/076738 A1 (WOO HEE JONG) 20 June 2002 (2002-06-20)	29-31, 45
Y	paragraphs '0008! - '0017! paragraphs '0034! - '0044! claims 11-14; figure 6	32, 43
X	US 2002/155513 A1 (DOWLING CHRISTOPHER ET AL) 24 October 2002 (2002-10-24)	29-31, 45
Y	paragraphs '0032! - '0044!	32, 43
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the International search

7 December 2004

Date of mailing of the International search report

21/12/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Goetz, M

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/US2004/017624

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>ISSAQ H J ET AL: "The SELDI-TOF MS approach to proteomics: protein profiling and biomarker identification" BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, ACADEMIC PRESS, SAN DIEGO, CA, US, vol. 292, no. 3, 5 April 2002 (2002-04-05), pages 587-592, XP002279299 ISSN: 0006-291X the whole document</p> <p>-----</p>	32,43
P,A	<p>OZAKI KOUICHI ET AL: "Functional variation in LGALS2 confers risk of myocardial infarction and regulates lymphotoxin-alpha secretion in vitro." NATURE. 6 MAY 2004, vol. 429, no. 6987, 6 May 2004 (2004-05-06), pages 72-75, XP002309271 ISSN: 1476-4687 the whole document</p> <p>-----</p>	1-55
A	<p>LIU F-T ET AL: "Intracellular functions of galectins" BBA - GENERAL SUBJECTS, ELSEVIER SCIENCE PUBLISHERS, NL, vol. 1572, no. 2-3, 19 September 2002 (2002-09-19), pages 263-273, XP004380521 ISSN: 0304-4165 the whole document</p> <p>-----</p>	1-55
A	<p>RABINOVICH G A ET AL: "Role of galectins in inflammatory and immunomodulatory processes" BBA - GENERAL SUBJECTS, ELSEVIER SCIENCE PUBLISHERS, NL, vol. 1572, no. 2-3, 19 September 2002 (2002-09-19), pages 274-284, XP004380522 ISSN: 0304-4165 the whole document</p> <p>-----</p>	1-55

Information on patent family members

Initial Application No

PCT/US2004/017624

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
US 2002076738	A1 20-06-2002	KR WO EP	2002033246 A 03071279 A1 1476757 A1	06-05-2002 28-08-2003 17-11-2004
US 2002155513	A1 24-10-2002	AU WO	4055000 A 0062076 A1	14-11-2000 19-10-2000

Box No. VIII(iii)

DECLARATION: ENTITLEMENT TO CLAIM PRIORITY

The declaration must conform to the standardized wording provided for in Section 213; see Notes to Boxes Nos. VIII, VIII(i) to (v) (in general) and the specific Notes to Box No. VIII (iii). If this Box is not used, this sheet should not be included in the request.

Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii)):

In relation to this international application,

CIPHERGEN BIOSYSTEMS, INC. is entitled to claim priority of earlier application no. 60/476,176 by virtue of the following:

an assignment from DING, Jian and LOMAS, Lee to CIPHERGEN BIOSYSTEMS, INC. dated 05 August 2003 (05.08.2003)

this declaration is made for the purposes of all designations.



This declaration is continued on the following sheet, "Continuation of Box No. VIII (iii)".